

## ABSTRACT:

5 The invention relates to a network element of an analog, cellular network, notably a mobile radio set or a base station, as well as to a method for such an element. In order to enable improved recognition of wide-band data that is transmitted in the form of a data sequence that includes a starting synchronization (DOT1), a word synchronization (WS),  
10 a data word (REP1) and a fixed number of repeats of a synchronization (DOT), a word synchronization (WS) and the data word (REP1-REP11), the network element is provided not only with receiving means for receiving wide-band data sequences but also with evaluation means for recognizing that a transmission of a data sequence takes place when a starting synchronization (DOT1) has been recognized, or alternatively when one of the further  
15 synchronizations (DOT) that is succeeded by a correct word synchronization (WS) has been recognized, and for evaluating the data words (REP1-REP11) received each time subsequent to a recognized starting synchronization (DOT1) that is succeeded by a word synchronization (WS), or received subsequent to a recognized further synchronization (DOT) that is succeeded by a correct word synchronization (WS).

The Figures 2a to 2d are intended for the disclosure.